

# Chemistry Report for Case # P-18-0233

## General

<b>Submitter:</b> [REDACTED]	
<b>Contact:</b> [REDACTED]	<b>Contact Telephone No.:</b> [REDACTED]
<b>TS No.:</b> [REDACTED]	
<b>Chemist:</b> [REDACTED]	<b>Contractor Support:</b> Y
<b>PV Init (kg/yr):</b> [REDACTED]	<b>PV Max (kg/yr):</b> [REDACTED]
<b>Binding Option:</b> <input type="checkbox"/>	<b>Exposure-Based Review:</b> <input checked="" type="checkbox"/>
<b>Manufacture:</b> <input type="checkbox"/>	<b>Import:</b> <input checked="" type="checkbox"/>

**CAS Number:** [REDACTED]

**Chemical Name** [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

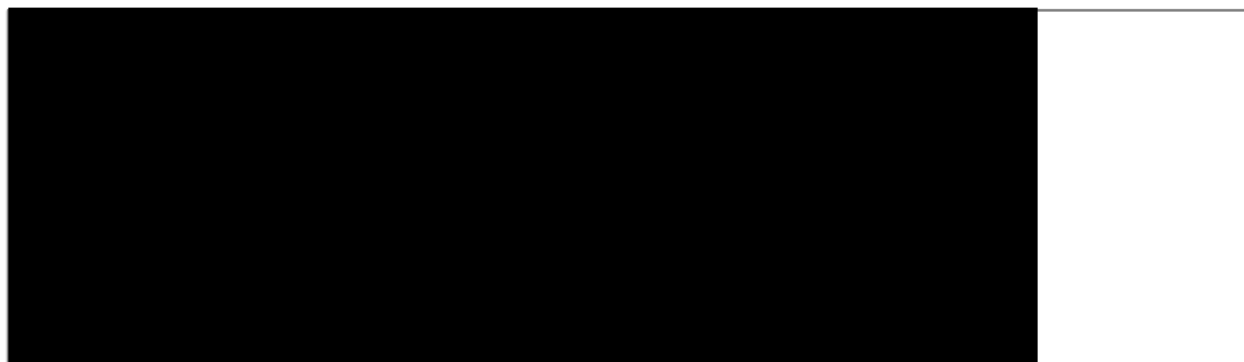
**Trade Name:** [REDACTED]

**IES Order:** [REDACTED]

**Generic Name:** Alkyl Alkenoic acid,  
alkyl ester, telomer with alkylthiol, substituted carbomonocycle,  
substituted alkyl alkyl alkenoate and hydroxyalkyl alkenoate, tert-butyl  
alkyl peroxyate-initiated

### Chemical Structure

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## Physical Chemical Properties

<b>Molecular Formula:</b> [REDACTED]	<b>Molecular Weight:</b> [REDACTED]
<b>% &lt; 500:</b> [REDACTED]	<b>% &lt; 1000:</b> [REDACTED]
<b>MP:</b>	<b>MP Estimate:</b>
<b>BP:</b>	<b>BP Pressure:</b>
<b>BP Estimate:</b> [REDACTED]	
<b>VP (Torr):</b>	<b>VP Estimate (Torr):</b> [REDACTED]
<b>Water Solubility (g/L):</b>	<b>Water Soluble Estimate (g/L):</b> [REDACTED]
<b>Log P:</b>	<b>Log P Estimate:</b>
<b>Physical State — Neat:</b> Solid	<b>Physical State — Manuf:</b> NK: Imported

**Physical State — Processing:** Solution: [REDACTED] PMN material, then [REDACTED] in solvent-borne [REDACTED] formulation

**Physical State — End Use:** Solid:  
PMN material entrained in [REDACTED]

## Additional Chemical Info

A  
Sustainable Futures Assessment Summary was provided as an attachment to the submission.  
Submitted data: [REDACTED]

[REDACTED]

Estimated data: high boiling point and negligible vapor pressure and water solubility (high MW polymer).

[REDACTED]

## Uses

**Consumer Use?** No

**Use:**

**Other Uses:**

## Reaction Description

The PMN material is imported and a detailed manufacturing process was not provided by the submitter. The synthesis is based on a brief description provided with the structure of the PMN material and the feedstocks which were reported on PMN page 5 of the submission.

[REDACTED]

## Pollution Prevention Analysis(P2 Analysis:)

No

Pollution Prevention information was provided by the submitter.

A

Sustainable Futures Assessment Summary was provided as an attachment to the submission.

## Analogs

Analogs: [REDACTED]
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**Comments/Telephone Log**

Artifact	Update/Upload Time
[REDACTED]	[REDACTED]